

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6013020").PN.	USPAT; USOCR	OR	OFF	2007/07/08 16:21
L2	1	("6048300").PN.	USPAT; USOCR	OR	OFF	2007/07/08 16:31
L3	1	("5147282").PN.	USPAT; USOCR	OR	OFF	2007/07/08 16:32
L4	1	("4745907").PN.	USPAT; USOCR	OR	OFF	2007/07/08 16:32
L5	1	("5032113").PN.	USPAT; USOCR	OR	OFF	2007/07/08 16:34

## EAST Search History

L6	99	("6659934") or ("20040044305") or ("20040092787") or ("20040097777") or ("20040097778") or ("6863658") or ("4865589") or ("6458070") or ("4354491") or ("4906241") or ("5114859") or ("5129891") or ("5176638") or ("5178612") or ("5334170") or ("5682899") or ("5910104") or ("5961439") or ("6013020") or ("6013058") or ("6096068") or ("6224624") or ("6238428") or ("6261219") or ("6302839") or ("6306074") or ("6379378") or ("6464716") or ("6471717") or ("6491716") or ("6585684") or ("6676692") or ("6837901") or ("6887263") or ("7156867") or ("7163531") or ("7211066") or ("20010002442") or ("20010011185") or ("20010029394") or ("20020007202") or ("20020016621") or ("20020049484") or ("20020161377") or ("20020161427") or ("20040019312") or ("20040019312") or ("20040068201") or ("20040068311") or ("20040111138") or ("20040127851") or ("20040147939") or ("20040172009") or ("20040215134") or ("20050143798") or ("20050197649") or ("20050273145") or ("5011472") or ("5133731") or ("5669931") or ("6077282") or ("6129734") or ("6540761") or ("7172590") or ("20040176704") or ("20040176705") or ("20060233942") or ("20070010787") or ("20070129725") or ("4105895") or ("4312757") or ("4669533") or ("5329975") or ("5627070") or ("6273707") or ("6481832") or ("7086431") or ("20030212347") or ("20040131500") or ("20040260270") or ("20050051312") or ("20050272001") or ("4698058") or ("5058416") or ("5190539") or ("5203771") or ("5271410") or ("5273527") or ("5308322") or ("5336222") or ("5356416") or	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/08 16:34
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## EAST Search History

L7	14	I6 and (microprocessor and prevent\$3 and visual\$2)	US-PGPUB; USPAT	OR	OFF	2007/07/08 16:34
L8	0	("2004/0097778").URPN.	USPAT	OR	OFF	2007/07/08 16:37
L9	3	((("6635008") or ("7160238") or ("5103395"))).PN.	USPAT; USOCR	OR	OFF	2007/07/08 16:38
L10	0	("6635008").URPN.	USPAT	OR	OFF	2007/07/08 16:39
L11	0	("7160238").URPN.	USPAT	OR	OFF	2007/07/08 16:39

## EAST Search History

L12	153	("1406509"   "1753287"   "1786373"   "20050113893"   "2750517"   "2830190"   "2965761"   "3088032"   "3145181"   "3154501"   "3168092"   "3324847"   "3351049"   "3532888"   "3589356"   "3600568"   "3632520"   "3659107"   "3669093"   "3674006"   "3811426"   "3872856"   "3927325"   "4096862"   "4202323"   "4233517"   "4250887"   "4292960"   "4323055"   "4385635"   "4434788"   "4471765"   "4562001"   "4578061"   "4584991"   "4588395"   "4601699"   "4654171"   "4655746"   "4669463"   "4676258"   "4697575"   "4702228"   "4706652"   "4726916"   "4733653"   "4733665"   "4762129"   "4763642"   "4763671"   "4768507"   "4770653"   "4784116"   "4815449"   "4819618"   "4842590"   "4851694"   "4861520"   "4878492"   "4881937"   "4883459"   "4891165"   "4897076"   "4946435"   "4955895"   "4994013"   "5019075"   "5030194"   "5040548"   "5053033"   "5059166"   "5084001"   "5084002"   "5103395"   "5106360"   "5116864"   "5120973"   "5141487"   "5147282"   "5183455"   "5199939"   "5209730"   "5213561"   "5224933"   "5267954"   "5267960"   "5282781"   "5302168"   "5304228"   "5306244"   "5322499"   "5327885"   "5334154"   "5342283"   "5354257"   "5354774"   "5395300"   "5405309"   "5411466"   "5413557"   "5417653"   "5460592"   "5472403"   "5474531"   "5476472"   "5484384"   "5498227"   "5501227"   "5503613"   "5503614"   "5533969"   "5540236"   "5540659"   "5542917"   "5545137"   "5554119"   "5556389"   "5575749"   "5618266"   "5624372"   "5624392"   "5643171"   "5683345"   "5713828").PN. OR ("5807231"   "5840064"   "5843028"   "5851172"   "5857956"   "5863284"   "5899882"   "6013020"   "6071227"   "6074338"   "6306074"   "6458070"   "6503185"   "6514193"   "6994665").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/08 16:40
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## EAST Search History

L13	0	l12 and ((display or visual\$3) with (attach\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/08 16:40
L14	23	l12 and ((display or visual\$3) and (attach\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/08 16:40
L15	111	("5683345").URPN.	USPAT	OR	OFF	2007/07/08 16:54
L16	44	("2750517"   "2965761"   "3088032"   "3532888"   "4233517"   "4584991"   "4613325"   "4673927"   "4710163"   "4733653"   "4745907"   "4762518"   "4878896"   "4898576"   "4994035"   "5026348"   "5030194"   "5032113"   "5103395"   "5147282"   "5342298"   "5356378"   "5372709"   "5423746"   "5437634"   "5474683"   "5501665"   "5533969"   "5573502"   "5662611"   "5683345"   "5800383"   "5810770"   "5851172"   "5894273"   "5899882"   "6013020"   "6030359"   "6048300"   "6302864").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/08 17:04
L17	111	("5683345").URPN.	USPAT	OR	OFF	2007/07/08 17:06
L18	15	("2750517"   "2965761"   "3088032"   "3532888"   "4233517"   "4584991"   "4733653"   "5030194"   "5103395"   "5533969"   "5683345").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/08 17:09
L19	24	("4733653").URPN.	USPAT	OR	OFF	2007/07/08 17:14
L20	1	("6635008").PN.	USPAT; USOCR	OR	OFF	2007/07/08 17:24
L21	3	l18 and light	USPAT	OR	OFF	2007/07/08 17:24
L22	18	("1953915"   "2904272"   "3664517"   "3669093"   "3861380"   "4150298"   "4367998"   "4631415"   "4692628"   "4733653"   "4756655"   "4837734"   "4861520"   "4881937"   "4881938"   "4969863").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/08 17:25
L23	51	("5103395").URPN.	USPAT	OR	OFF	2007/07/08 17:25
L24	26	l23 and light	USPAT	OR	OFF	2007/07/08 17:31
L25	48	l17 and light	USPAT	OR	OFF	2007/07/08 17:38
L26	20	l16 and light	USPAT	OR	OFF	2007/07/08 17:39
L27	48	l15 and light	USPAT	OR	OFF	2007/07/08 17:39
L28	9	l14 and light	USPAT	OR	OFF	2007/07/08 17:41
L29	48	l17 and light	USPAT	OR	OFF	2007/07/08 17:41

## EAST Search History

L30	5	l7 and light	USPAT	OR	OFF	2007/07/08 17:52
L31	2	((("6013020") or ("5800333"))).PN.	USPAT; USOCR	OR	OFF	2007/07/08 17:52
S1	1	("5554114").PN.	USPAT; USOCR	OR	OFF	2005/12/13 10:53
S2	3	((("5178158") or ("5184627") or ("5211636"))).PN.	USPAT; USOCR	OR	OFF	2005/12/13 10:53
S3	42	("5211636").URPN.	USPAT	OR	OFF	2005/12/13 11:15
S4	19	("5795318").URPN.	USPAT	OR	OFF	2005/12/13 11:44
S5	37	("4212304"   "4307723"   "4464176"   "4586923"   "4643716"   "4681564"   "4694838"   "4762130"   "4776844"   "4856516"   "4884557"   "4913683"   "4919133"   "4950258"   "4968306"   "4969890"   "5021044"   "5037404"   "5040543"   "5052998"   "5078736"   "5087244"   "5100429"   "5108407"   "5163928"   "5181911"   "5211636"   "5215450"   "5226888"   "5231989"   "5242451"   "5250069"   "5252159"   "5256146"   "5290229"   "5354263"   "5380270").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/13 14:16
S6	123	catheter same layer same hardness	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/13 14:17
S7	1	("5571086").PN.	USPAT; USOCR	OR	OFF	2005/12/14 15:42
S8	71	("5571086").URPN.	USPAT	OR	OFF	2005/12/14 16:09
S9	13	((("5222949") or ("6858024") or ("6591472") or ("6451005") or ("6379308") or ("6355027") or ("5971975") or ("5911715") or ("5897537") or ("5791036") or ("6602226") or ("5634928") or ("5571086"))).PN.	USPAT; USOCR	OR	OFF	2005/12/14 16:21
S10	1	("6591472").PN.	USPAT; USOCR	OR	OFF	2005/12/14 16:21
S11	71	("5571086").URPN.	USPAT	OR	OFF	2005/12/14 16:59

## EAST Search History

S12	86	("3516408"   "4291013"   "4576604"   "4578061"   "4774949"   "4794931"   "4859470"   "4997431"   "5047039"   "5054492"   "5106386"   "5167239"   "5190528"   "5193546"   "5242397"   "5254089"   "5282810"   "5287861"   "5304121"   "5312341"   "5330496"   "5336252"   "5342394"   "5345940"   "5354279"   "5366490"   "5373849"   "5397307"   "5409019"   "5419777"   "5423878"   "5429144"   "5429634"   "5443497"   "5452733"   "5456258"   "5462523"   "5464395"   "5499630"   "5507724"   "5523092"   "5536250"   "5538504"   "5551954"   "5554114"   "5554182"   "5569197"   "5570693"   "5571086"   "5571151"   "5588432"   "5588960"   "5596990"   "5597378"   "5599300"   "5607418"   "5609574"   "5614204"   "5628784"   "5634895"   "5661133"   "5662609"   "5665077"   "5674198"   "5693029"   "5704361"   "5704926"   "5707363"   "5713363"   "5713853"   "5713887"   "5724975"   "5724977"   "5728123"   "5735847"   "5738658"   "5771895"   "5772629"   "5772632"   "5807306"   "6004269"   "6053911"   "6338717"   "6508824"   "6554801").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/14 17:49
S13	1	("5554114").PN.	USPAT; USOCR	OR	OFF	2005/12/14 17:49
S14	409	"third catheter"	USPAT	OR	OFF	2005/12/19 08:17
S15	2	"third catheter" same "within second catheter"	USPAT	OR	OFF	2005/12/19 10:35
S16	21	("5167622").URPN.	USPAT	OR	OFF	2005/12/19 08:22
S17	1	("6623449").PN.	USPAT; USOCR	OR	OFF	2005/12/19 11:00
S18	1	("5222949").PN.	USPAT; USOCR	OR	OFF	2005/12/19 11:13
S19	279	ultraviolet same catheter	USPAT	OR	OFF	2005/12/19 11:13
S20	513	(604/317).CCLS.	USPAT; USOCR	OR	OFF	2005/12/21 14:18
S21	1091	(604/523).CCLS.	USPAT; USOCR	OR	OFF	2005/12/21 14:24

## EAST Search History

S22	267	(604/524).CCLS.	USPAT; USOCR	OR	OFF	2005/12/21 14:25
S23	166	(604/525).CCLS.	USPAT; USOCR	OR	OFF	2005/12/21 14:33
S24	54	(604/531).CCLS.	USPAT; USOCR	OR	OFF	2005/12/21 14:33
S25	323	(604/508).CCLS.	USPAT; USOCR	OR	OFF	2005/12/21 14:34
S26	0	(604/435).CCLS.	USPAT; USOCR	OR	OFF	2005/12/21 14:34
S27	505	(604/8).CCLS.	USPAT; USOCR	OR	OFF	2005/12/21 14:36
S28	153	catheter with layer with (third or three)	USPAT	OR	OFF	2006/05/26 09:14
S29	75	("3416531"   "3485234"   "3612058"   "4210478"   "4385635"   "4419095"   "4516970"   "4516972"   "4531943"   "4563181"   "4588399"   "4636346"   "4690175"   "4705511"   "4735620"   "4817613"   "4838879"   "4842590"   "4863442"   "4898591"   "4899787"   "4981478"   "5017259"   "5057092"   "5069674"   "5078702"   "5116317"   "5160559"   "5163431"   "5176660"   "5180376"   "5190520"   "5217440"   "5221270"   "5221372"   "5222949"   "5234416"   "5254107"   "5279596"   "5306252"   "5308342"   "5335305"   "5358493"   "5423773"   "5423774"   "5433200"   "5445624"   "5509910"   "5514108"   "5545151"   "5569218"   "5599319"   "5603705"   "5658263"   "5662622"   "5674208"   "5676659"   "5711909"   "5769796"   "5792401"   "5810867"   "5810874"   "5836925"   "5897537"   "5911715"   "5951495"   "5954651"   "6017335"   "6030405"   "6212422"   "6240231"   "6258195"   "6562021").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 09:20
S30	27	("5163431").URPN.	USPAT	OR	OFF	2006/05/26 12:06
S31	172	(604/525).CCLS.	USPAT; USOCR	OR	OFF	2006/05/26 12:07
S32	114	S31 and (third or three)	USPAT	OR	OFF	2006/05/26 12:39



## EAST Search History

S33	1	("6280434").PN.	USPAT; USOCR	OR	OFF	2006/05/26 12:49
S34	1	("6591472").PN.	USPAT; USOCR	OR	OFF	2006/05/26 13:21
S35	1	("6524303").PN.	USPAT; USOCR	OR	OFF	2006/05/26 13:35
S36	1	("5571086").PN.	USPAT; USOCR	OR	OFF	2006/05/26 13:38
S37	1	("5718678").PN.	USPAT; USOCR	OR	OFF	2006/05/26 13:43
S38	1	("5662621").PN.	USPAT; USOCR	OR	OFF	2006/05/26 14:04
S39	1	("5718678").PN.	USPAT; USOCR	OR	OFF	2006/05/26 14:07
S40	1	("5662621").PN.	USPAT; USOCR	OR	OFF	2006/05/26 14:07
S41	5	("5662621" "5718678" "6280434" "6524303" "6591472").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 09:42
S42	2	("6524303").URPN.	USPAT	OR	OFF	2006/08/10 10:20
S43	5	("3674014"   "5429131"   "6292678"   "6385472"   "6524303").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 10:21
S44	2	("6524303").URPN.	USPAT	OR	OFF	2006/08/10 10:32
S45	206	(catheter with (steer\$4 or guid\$3) and (orifice)) and memory with (shape or curve)	USPAT	OR	OFF	2006/08/10 10:38
S46	1101	(catheter with (steer\$4 or guid\$3) and (orifice or hole or flush\$3)) and memory with (shape or curve)	USPAT	OR	ON	2006/08/10 10:38
S47	265	(catheter with (steer\$4 or guid\$3) and (orifice or hole) and flush\$3) and memory with (shape or curve)	USPAT	OR	ON	2006/08/10 10:39
S48	0	("6591472").URPN.	USPAT	OR	OFF	2006/08/10 13:18
S49	0	("6591472").URPN.	USPAT	OR	OFF	2006/08/10 13:18

## EAST Search History

S50	68	("4283447"   "4321226"   "4385635"   "4464176"   "4531943"   "4551292"   "4563181"   "4577543"   "4596563"   "4636346"   "4665604"   "4739768"   "4753765"   "4764324"   "4817613"   "4863442"   "5078702"   "5178158"   "5221270"   "5234416"   "5279596"   "5334171"   "5336205"   "5437632"   "5456674"   "5484565"   "5496294"   "5509910"   "5538510"   "5542924"   "5545149"   "5584821"   "5599326"   "5614136"   "5658263"   "5674197"   "5676659"   "5738742"   "5769830"   "5772641"   "5836925"   "5851464"   "5860963"   "5868718"   "5876386"   "5888436"   "5891112"   "5891114"   "5897537"   "5902287"   "5908413"   "5911715"   "5916208"   "5922443"   "5938653"   "5951539"   "5971975"   "5972143"   "5976120"   "6077258"   "6106510"   "6165166"   "6171296"   "6197015"   "6217565"   "6217566"   "6245053"   "6296631").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 13:21
S51	24	S50 and (hole or flush\$3 or orifice)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 13:22
S52	9	("5908413").URPN.	USPAT	OR	OFF	2006/08/10 13:26
S53	47	("5676659").URPN.	USPAT	OR	OFF	2006/08/10 13:49
S54	8	S53 and (hole or flush\$3 or orifice)	USPAT	OR	OFF	2006/08/10 13:50
S55	138	("4817613").URPN.	USPAT	OR	OFF	2006/08/10 14:13
S56	1	("20030125712").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 14:18
S57	30	catheter and guid\$3 and (orifice or hole) and ((curve or shape) with memory) and (layer with (three or third)) and (hard\$4 or stiff\$4)	USPAT	OR	OFF	2006/08/10 14:46
S58	1	("6524303").PN.	USPAT; USOCR	OR	OFF	2006/08/10 15:49
S59	1	("5718678").PN.	USPAT; USOCR	OR	OFF	2006/08/10 15:49
S60	1	("6575920").PN.	USPAT; USOCR	OR	OFF	2007/01/07 18:37

## EAST Search History

S61	1	("6911016").PN.	USPAT; USOCR	OR	OFF	2007/01/07 18:41
S62	1	("7112298").PN.	USPAT; USOCR	OR	OFF	2007/01/07 18:44
S63	1	("7097624").PN.	USPAT; USOCR	OR	OFF	2007/01/07 18:44
S64	11	("5971975").URPN.	USPAT	OR	OFF	2007/01/07 19:10
S65	75	("20030093011"   "20030144657"   "20040002727"   "20040059259"   "4020829"   "4033331"   "4411055" "4531943"   "4586923"   "4636346"   "4676249"   "4898577" "4924445"   "4955862"   "5030204"   "5234416"   "5318032" "5401258"   "5409015"   "5415633"   "5437288"   "5451209" "5453090"   "5484407"   "5492119"   "5591199"   "5636641" "5658263"   "5676659"   "5715817"   "5725521"   "5733248" "5766204"   "5772609"   "5782811"   "5824031"   "5827225" "5851226"   "5865767"   "5897529"   "5906605"   "5911715" "5916178"   "5931819"   "5957865"   "5957903"   "5971975" "6056742"   "6083213"   "6086548"   "6096036"   "6099485" "6106488"   "6106510"   "6113557"   "6120495"   "6143013" "6159187"   "6183420"   "6190332"   "6196230"   "6213974" "6245053"   "6254550"   "6270476"   "6270496"   "6287292" "6319275"   "6368302"   "6491648"   "6508806"   "6620150" "6652472"   "6740073"   "6837890").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/07 19:14
S66	66	S65 and (stiff\$4 or hard\$4 or shore or durometer)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/07 19:20
S67	22	("4417886"   "4735620"   "4973306" "5188619"   "5203776"   "5299574"   "5322509"   "5401258" "5445624"   "5445625"   "5470322"   "5471986"   "5492530" "5527274"   "5531721"   "5569218"   "5584821"   "5658263" "5725513"   "5876385"   "5885247"   "5916209").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/07 19:20

## EAST Search History

S68	17	S67 and (stiff\$4 or hard\$4 or shore or durometer)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/07 19:58
S69	47	("5569218").URPN.	USPAT	OR	OFF	2007/01/07 19:58
S70	42	S69 and (stiff\$4 or hard\$4 or shore or durometer)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/07 20:34
S71	3	((("6575920") or ("6911016") or ("7112298"))).PN.	USPAT; USOCR	OR	OFF	2007/07/08 11:20
S72	1	("5569218").PN.	USPAT; USOCR	OR	OFF	2007/07/08 11:21
S73	1	("5911715").PN.	USPAT; USOCR	OR	OFF	2007/07/08 11:21
S74	60	("5911715").URPN.	USPAT	OR	OFF	2007/07/08 11:34
S75	15	S74 and (catheter with (hard\$4 or durometer))	USPAT	OR	OFF	2007/07/08 11:51
S76	1	("4050466").PN.	USPAT; USOCR	OR	OFF	2007/07/08 11:52
S77	1	("6093177").PN.	USPAT; USOCR	OR	OFF	2007/07/08 11:53
S78	5	((("6295990") or ("6436087") or ("6435189") or ("6481439") or ("6622367") or ("2003023230"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/08 11:58
S79	0	S78 and (catheter with (hard\$4 or durometer))	USPAT	OR	OFF	2007/07/08 11:58
S80	1	S78 and (hard\$4 or durometer)	USPAT	OR	OFF	2007/07/08 15:57